Ingrid Kockum

List of Publications by Year in Descending Order

271 papers	11,698 citations	49 h-index	99 g-index
286 ext. papers	13,996 ext. citations	7.3 avg, IF	5.65 L-index

#	Paper	IF	Citations
271	Serum neurofilament light chain for individual prognostication of disease activity in people with multiple sclerosis: a retrospective modelling and validation study.. *Lancet Neurology, The*, **2022**, 21, 246-257	44.1	16
270	Smoking Attributable Risk in Multiple Sclerosis.. *Frontiers in Immunology*, **2022**, 13, 840158	8.4	0
269	Identification of four novel T cell autoantigens and personal autoreactive profiles in multiple sclerosis.. *Science Advances*, **2022**, 8, eabn1823	14.3	2
268	Genome-wide association study of panic disorder reveals genetic overlap with neuroticism and depression. *Molecular Psychiatry*, **2021**, 26, 4179-4190	15.1	8
267	Season of birth is associated with multiple sclerosis and disease severity.. *Multiple Sclerosis Journal - Experimental, Translational and Clinical*, **2021**, 7, 20552173211065730	2	
266	Deep characterization of paired chromatin and transcriptomes in four immune cell types from multiple sclerosis patients. *Epigenomics*, **2021**, 13, 1607-1618	4.4	1
265	Seasonal variability of serum 25-hydroxyvitamin D on multiple sclerosis onset. *Scientific Reports*, **2021**, 11, 20989	4.9	0
264	Neurofilament light chain as a marker for cortical atrophy in multiple sclerosis without radiological signs of disease activity. *Journal of Internal Medicine*, **2021**, 290, 473-476	10.8	0
263	Small noncoding RNA profiling across cellular and biofluid compartments and their implications for multiple sclerosis immunopathology. *Proceedings of the National Academy of Sciences of the United States of America*, **2021**, 118,	11.5	3
262	The genetic structure of Norway. *European Journal of Human Genetics*, **2021**, 29, 1710-1718	5.3	1
261	Cytomegalovirus seropositivity is associated with reduced risk of multiple sclerosis-a presymptomatic case-control study. *European Journal of Neurology*, **2021**, 28, 3072-3079	6	3
260	Alcohol Consumption and Risk of Common Autoimmune Inflammatory Diseases-Evidence From a Large-Scale Genetic Analysis Totaling 1 Million Individuals. *Frontiers in Genetics*, **2021**, 12, 687745	4.5	0
259	Epstein-Barr virus infection after adolescence and human herpesvirus 6A as risk factors for multiple sclerosis. *European Journal of Neurology*, **2021**, 28, 579-586	6	13
258	DRB1-environment interactions in multiple sclerosis etiology: results from two Swedish case-control studies. *Journal of Neurology, Neurosurgery and Psychiatry*, **2021**, 92, 717-722	5.5	2
257	Technological readiness and implementation of genomic-driven precision medicine for complex diseases. *Journal of Internal Medicine*, **2021**, 290, 602-620	10.8	6
256	Genome-Wide Association Study Identifies Risk Loci for Cluster Headache. *Annals of Neurology*, **2021**, 90, 193-202	9.4	11
255	A validated generally applicable approach using the systematic assessment of disease modules by GWAS reveals a multi-omic module strongly associated with risk factors in multiple sclerosis. *BMC Genomics*, **2021**, 22, 631	4.5	1

254	Assessing the Preanalytical Variability of Plasma and Cerebrospinal Fluid Processing and Its Effects on Inflammation-Related Protein Biomarkers. *Molecular and Cellular Proteomics*, **2021**, 20, 100157	7.6	1
253	Low sun exposure acts synergistically with high Epstein-Barr nuclear antigen 1 (EBNA-1) antibody levels in multiple sclerosis etiology. *European Journal of Neurology*, **2021**, 28, 4146-4152	6	2
252	Treatment- and population-specific genetic risk factors for anti-drug antibodies against interferon-beta: a GWAS. *BMC Medicine*, **2020**, 18, 298	11.4	1
251	Inflammation-related plasma and CSF biomarkers for multiple sclerosis. *Proceedings of the National Academy of Sciences of the United States of America*, **2020**, 117, 12952-12960	11.5	39
250	Plasma neurofilament light levels are associated with risk of disability in multiple sclerosis. *Neurology*, **2020**, 94, e2457-e2467	6.5	29
249	FLT3 stop mutation increases FLT3 ligand level and risk of autoimmune thyroid disease. *Nature*, **2020**, 584, 619-623	50.4	23
248	Smoking and Epstein-Barr virus infection in multiple sclerosis development. *Scientific Reports*, **2020**, 10, 10960	4.9	4
247	Blood neurofilament light levels segregate treatment effects in multiple sclerosis. *Neurology*, **2020**, 94, e1201-e1212	6.5	46
246	C-type lectin receptors Mcl and Mincle control development of multiple sclerosis-like neuroinflammation. *Journal of Clinical Investigation*, **2020**, 130, 838-852	15.9	11
245	Function of multiple sclerosis-protective HLA class I alleles revealed by genome-wide protein-quantitative trait loci mapping of interferon signalling. *PLoS Genetics*, **2020**, 16, e1009199	6	4
244	Towards standardization guidelines for in silico approaches in personalized medicine. *Journal of Integrative Bioinformatics*, **2020**, 17,	3.8	2
243	Confounding effect of blood volume and body mass index on blood neurofilament light chain levels. *Annals of Clinical and Translational Neurology*, **2020**, 7, 139-143	5.3	49
242	Low sun exposure increases multiple sclerosis risk both directly and indirectly. *Journal of Neurology*, **2020**, 267, 1045-1052	5.5	12
241	Cigarette smoking patterns preceding primary Sjgren syndrome. *RMD Open*, **2020**, 6,	5.9	2
240	The DQB103:02 Genotype and Treatment for Pain in People With and Without Multiple Sclerosis. *Frontiers in Neurology*, **2020**, 11, 993	4.1	
239	Skewness of Temperature Data Implies an Abrupt Change in the Climate System Between 1985 and 1991. *Geophysical Research Letters*, **2020**, 47, e2020GL089794	4.9	1
238	Pregnancy does not modify the risk of MS in genetically susceptible women. *Neurology: Neuroimmunology and NeuroInflammation*, **2020**, 7,	9.1	1
237	Stressful life events are associated with the risk of multiple sclerosis. *European Journal of Neurology*, **2020**, 27, 2539-2548	6	5

236	The influence of human leukocyte antigen-DRB1*15:01 and its interaction with smoking in MS development is dependent on DQA1*01:01 status. *Multiple Sclerosis Journal*, **2020**, 26, 1638-1646	5	1
235	Low fish consumption is associated with a small increased risk of MS. *Neurology: Neuroimmunology and NeuroInflammation*, **2020**, 7,	9.1	1
234	Multiple sclerosis genomic map implicates peripheral immune cells and microglia in susceptibility. *Science*, **2019**, 365,	33.3	309
233	A systems biology approach uncovers cell-specific gene regulatory effects of genetic associations in multiple sclerosis. *Nature Communications*, **2019**, 10, 2236	17.4	36
232	Factors associated with and long-term outcome of benign multiple sclerosis: a nationwide cohort study. *Journal of Neurology, Neurosurgery and Psychiatry*, **2019**, 90, 761-767	5.5	12
231	High Levels of Epstein-Barr Virus Nuclear Antigen-1-Specific Antibodies and Infectious Mononucleosis Act Both Independently and Synergistically to Increase Multiple Sclerosis Risk. *Frontiers in Neurology*, **2019**, 10, 1368	4.1	24
230	Molecular mimicry between Anoctamin 2 and Epstein-Barr virus nuclear antigen 1 associates with multiple sclerosis risk. *Proceedings of the National Academy of Sciences of the United States of America*, **2019**, 116, 16955-16960	11.5	53
229	Non-parametric combination analysis of multiple data types enables detection of novel regulatory mechanisms in T cells of multiple sclerosis patients. *Scientific Reports*, **2019**, 9, 11996	4.9	8
228	Therapeutic efficacy of dimethyl fumarate in relapsing-remitting multiple sclerosis associates with ROS pathway in monocytes. *Nature Communications*, **2019**, 10, 3081	17.4	63
227	IL-22 Binding Protein Promotes the Disease Process in Multiple Sclerosis. *Journal of Immunology*, **2019**, 203, 888-898	5.3	7
226	Retinal nerve fiber layer thickness associates with cognitive impairment and physical disability in multiple sclerosis. *Multiple Sclerosis and Related Disorders*, **2019**, 36, 101414	4	10
225	The association between multiple sclerosis and pain medications. *Pain*, **2019**, 160, 424-432	8	7
224	Hydrochemical Changes Before and After Earthquakes Based on Long-Term Measurements of Multiple Parameters at Two Sites in Northern Iceland A Review. *Journal of Geophysical Research: Solid Earth*, **2019**, 124, 2702-2720	3.6	31
223	Increased Serological Response Against Human Herpesvirus 6A Is Associated With Risk for Multiple Sclerosis. *Frontiers in Immunology*, **2019**, 10, 2715	8.4	37
222	A Gene-Environment Interaction Between Smoking and Gene polymorphisms Provides a High Risk of Two Subgroups of Sarcoidosis. *Scientific Reports*, **2019**, 9, 18633	4.9	10
221	Familial risk of early- and late-onset multiple sclerosis: a Swedish nationwide study. *Journal of Neurology*, **2019**, 266, 481-486	5.5	6
220	European families reveal MHC class I and II associations with autoimmune-mediated congenital heart block. *Annals of the Rheumatic Diseases*, **2018**, 77, 1381-1382	2.4	4
219	Impact of genetic risk loci for multiple sclerosis on expression of proximal genes in patients. *Human Molecular Genetics*, **2018**, 27, 912-928	5.6	28

218	Plasma neurofilament light chain levels in patients with MS switching from injectable therapies to fingolimod. *Multiple Sclerosis Journal*, **2018**, 24, 1046-1054	5	113
217	Genetic risk factors for pediatric-onset multiple sclerosis. *Multiple Sclerosis Journal*, **2018**, 24, 1825-1834	5	25
216	Multiple sclerosis treatment effects on plasma cytokine receptor levels. *Clinical Immunology*, **2018**, 187, 15-25	9	6
215	DNA methylation as a mediator of HLA-DRB1*15:01 and a protective variant in multiple sclerosis. *Nature Communications*, **2018**, 9, 2397	17.4	81
214	Low-Frequency and Rare-Coding Variation Contributes to Multiple Sclerosis Risk. *Cell*, **2018**, 175, 1679-1687.e7	36.2	72
213	Ancient genomes from Iceland reveal the making of a human population. *Science*, **2018**, 360, 1028-1032	33.3	37
212	Organic solvents and MS susceptibility: Interaction with MS risk HLA genes. *Neurology*, **2018**, 91, e455-e463	6.3	25
211	VAV1 regulates experimental autoimmune arthritis and is associated with anti-CCP negative rheumatoid arthritis. *Genes and Immunity*, **2017**, 18, 48-56	4.4	9
210	Overexpression of the Cytokine BAFF and Autoimmunity Risk. *New England Journal of Medicine*, **2017**, 376, 1615-1626	59.2	198
209	DNA methylation mediates genotype and smoking interaction in the development of anti-citrullinated peptide antibody-positive rheumatoid arthritis. *Arthritis Research and Therapy*, **2017**, 19, 71	5.7	36
208	The immunogenetics of narcolepsy associated with A(H1N1)pdm09 vaccination (Pandemrix) supports a potent gene-environment interaction. *Genes and Immunity*, **2017**, 18, 75-81	4.4	19
207	Evidence for a causal relationship between low vitamin D, high BMI, and pediatric-onset MS. *Neurology*, **2017**, 88, 1623-1629	6.5	97
206	Environmental and lifestyle factors influencing risk of congenital heart block during pregnancy in anti-Ro/SSA-positive women. *RMD Open*, **2017**, 3, e000520	5.9	4
205	Identification of a Genetic Variation in ERAP1 Aminopeptidase that Prevents Human Cytomegalovirus miR-UL112-5p-Mediated Immunoevasion. *Cell Reports*, **2017**, 20, 846-853	10.6	16
204	Building and validating a prediction model for paediatric type 1 diabetes risk using next generation targeted sequencing of class II HLA genes. *Diabetes/Metabolism Research and Reviews*, **2017**, 33, e2921	7.5	1
203	Smoking induces DNA methylation changes in Multiple Sclerosis patients with exposure-response relationship. *Scientific Reports*, **2017**, 7, 14589	4.9	41
202	The interaction between smoking and HLA genes in multiple sclerosis: replication and refinement. *European Journal of Epidemiology*, **2017**, 32, 909-919	12.1	33
201	Causal Effect of Genetic Variants Associated With Body Mass Index on Multiple Sclerosis Susceptibility. *American Journal of Epidemiology*, **2017**, 185, 162-171	3.8	35

200	Sex influences eQTL effects of SLE and Sjögren's syndrome-associated genetic polymorphisms. *Biology of Sex Differences*, **2017**, 8, 34	9.3	20
199	A General Framework for and New Normalization of Attributable Proportion. *Epidemiologic Methods*, **2017**, 6,	2.2	2
198	The Temporal Retinal Nerve Fiber Layer Thickness Is the Most Important Optical Coherence Tomography Estimate in Multiple Sclerosis. *Frontiers in Neurology*, **2017**, 8, 675	4.1	20
197	Quantifying and estimating additive measures of interaction from case-control data. *Modern Stochastics: Theory and Applications*, **2017**, 4, 109-125	0.5	
196	Dynamic Response Genes in CD4+ T Cells Reveal a Network of Interactive Proteins that Classifies Disease Activity in Multiple Sclerosis. *Cell Reports*, **2016**, 16, 2928-2939	10.6	28
195	Multiple sclerosis risk loci and disease severity in 7,125 individuals from 10 studies. *Neurology: Genetics*, **2016**, 2, e87	3.8	52
194	NR1H3 p.Arg415Gln Is Not Associated to Multiple Sclerosis Risk. *Neuron*, **2016**, 92, 333-335	13.9	19
193	Anoctamin 2 identified as an autoimmune target in multiple sclerosis. *Proceedings of the National Academy of Sciences of the United States of America*, **2016**, 113, 2188-93	11.5	59
192	Next-Generation Sequencing Reveals That HLA-DRB3, -DRB4, and -DRB5 May Be Associated With Islet Autoantibodies and Risk for Childhood Type 1 Diabetes. *Diabetes*, **2016**, 65, 710-8	0.9	48
191	Von Willebrand Factor Gene Variants Associate with Herpes simplex Encephalitis. *PLoS ONE*, **2016**, 11, e0155832	3.7	5
190	Coupling between mineral reactions, chemical changes in groundwater, and earthquakes in Iceland. *Journal of Geophysical Research: Solid Earth*, **2016**, 121, 2315-2337	3.6	19
189	Mendelian randomization shows a causal effect of low vitamin D on multiple sclerosis risk. *Neurology: Genetics*, **2016**, 2, e97	3.8	117
188	TGFβ regulates persistent neuroinflammation by controlling Th1 polarization and ROS production via monocyte-derived dendritic cells. *Glia*, **2016**, 64, 1925-37	9	16
187	Hereditary diffuse leukoencephalopathy with spheroids with phenotype of primary progressive multiple sclerosis. *European Journal of Neurology*, **2015**, 22, 328-333	6	29
186	Class II HLA interactions modulate genetic risk for multiple sclerosis. *Nature Genetics*, **2015**, 47, 1107-1113	36.3	215
185	Non-HLA type 1 diabetes genes modulate disease risk together with HLA-DQ and islet autoantibodies. *Genes and Immunity*, **2015**, 16, 541-51	4.4	12
184	A validated gene regulatory network and GWAS identifies early regulators of T cell-associated diseases. *Science Translational Medicine*, **2015**, 7, 313ra178	17.5	45
183	Identity-by-descent mapping in a Scandinavian multiple sclerosis cohort. *European Journal of Human Genetics*, **2015**, 23, 688-92	5.3	13

182	A significant risk locus on 19q13 for bipolar disorder identified using a combined genome-wide linkage and copy number variation analysis. *BioData Mining*, **2015**, 8, 42	4.3	1
181	Fine mapping analysis confirms and strengthens linkage of four chromosomal regions in familial hypospadias. *European Journal of Human Genetics*, **2015**, 23, 516-22	5.3	14
180	Increased haemolytic group A streptococcal M6 serotype and streptodornase B-specific cellular immune responses in Swedish narcolepsy cases. *Journal of Internal Medicine*, **2015**, 278, 264-76	10.8	25
179	Genetic variants are major determinants of CSF antibody levels in multiple sclerosis. *Brain*, **2015**, 138, 632-43	11.2	42
178	Obesity during childhood and adolescence increases susceptibility to multiple sclerosis after accounting for established genetic and environmental risk factors. *Obesity Research and Clinical Practice*, **2014**, 8, e435-47	5.4	68
177	A gene pathway analysis highlights the role of cellular adhesion molecules in multiple sclerosis susceptibility. *Genes and Immunity*, **2014**, 15, 126-32	4.4	23
176	Genetic and Environmental Risk Factors for Multiple Sclerosis: A Role for Interaction Analysis **2014** , 101-114		1
175	The HLA locus contains novel foetal susceptibility alleles for congenital heart block with significant paternal influence. *Journal of Internal Medicine*, **2014**, 275, 640-51	10.8	21
174	Islet cell antibodies (ICA) identify autoimmunity in children with new onset diabetes mellitus negative for other islet cell antibodies. *Pediatric Diabetes*, **2014**, 15, 336-44	3.6	23
173	Interaction between adolescent obesity and HLA risk genes in the etiology of multiple sclerosis. *Neurology*, **2014**, 82, 865-72	6.5	133
172	Changes in groundwater chemistry before two consecutive earthquakes in Iceland. *Nature Geoscience*, **2014**, 7, 752-756	18.3	111
171	Multiple sclerosis-associated IL2RA polymorphism controls GM-CSF production in human TH cells. *Nature Communications*, **2014**, 5, 5056	17.4	116
170	Oligoclonal band phenotypes in MS differ in their HLA class II association, while specific KIR ligands at HLA class I show association to MS in general. *Journal of Neuroimmunology*, **2014**, 274, 174-9	3.5	6
169	Antibodies to influenza virus A/H1N1 hemagglutinin in Type 1 diabetes children diagnosed before, during and after the SWEDISH A(H1N1)pdm09 vaccination campaign 2009-2010. *Scandinavian Journal of Immunology*, **2014**, 79, 137-48	3.4	6
168	HLA-A(*)02, gender and tobacco smoking, but not multiple sclerosis, affects the IgG antibody response against human herpesvirus 6. *Human Immunology*, **2014**, 75, 524-30	2.3	6
167	The genetic interacting landscape of 63 candidate genes in Major Depressive Disorder: an explorative study. *BioData Mining*, **2014**, 7, 19	4.3	6
166	Association of autoimmune Addison's disease with alleles of STAT4 and GATA3 in European cohorts. *PLoS ONE*, **2014**, 9, e88991	3.7	25
165	High plasma levels of islet amyloid polypeptide in young with new-onset of type 1 diabetes mellitus. *PLoS ONE*, **2014**, 9, e93053	3.7	17

164	Variability in the CIITA gene interacts with HLA in multiple sclerosis. *Genes and Immunity*, **2014**, 15, 162-7	4.4	9
163	JC polyomavirus infection is strongly controlled by human leucocyte antigen class II variants. *PLoS Pathogens*, **2014**, 10, e1004084	7.6	39
162	Interaction between passive smoking and two HLA genes with regard to multiple sclerosis risk. *International Journal of Epidemiology*, **2014**, 43, 1791-8	7.8	47
161	Cytomegalovirus seropositivity is negatively associated with multiple sclerosis. *Multiple Sclerosis Journal*, **2014**, 20, 165-73	5	71
160	Integrated genomic and prospective clinical studies show the importance of modular pleiotropy for disease susceptibility, diagnosis and treatment. *Genome Medicine*, **2014**, 6, 17	14.4	21
159	Human leukocyte antigen genes and interferon beta preparations influence risk of developing neutralizing anti-drug antibodies in multiple sclerosis. *PLoS ONE*, **2014**, 9, e90479	3.7	27
158	Decline of C-peptide during the first year after diagnosis of Type 1 diabetes in children and adolescents. *Diabetes Research and Clinical Practice*, **2013**, 100, 203-9	7.4	51
157	The DQB1(*)03:02 HLA haplotype is associated with increased risk of chronic pain after inguinal hernia surgery and lumbar disc herniation. *Scandinavian Journal of Pain*, **2013**, 4, 258-258	1.9	
156	Analysis of immune-related loci identifies 48 new susceptibility variants for multiple sclerosis. *Nature Genetics*, **2013**, 45, 1353-60	36.3	934
155	Residual beta cell function at diagnosis of type 1 diabetes in children and adolescents varies with gender and season. *Diabetes/Metabolism Research and Reviews*, **2013**, 29, 85-9	7.5	26
154	The DQB1 *03:02 HLA haplotype is associated with increased risk of chronic pain after inguinal hernia surgery and lumbar disc herniation. *Pain*, **2013**, 154, 427-433	8	41
153	Network-based multiple sclerosis pathway analysis with GWAS data from 15,000 cases and 30,000 controls. *American Journal of Human Genetics*, **2013**, 92, 854-65	11	132
152	Are BIC (miR-155) polymorphisms associated with eczema susceptibility?. *Acta Dermato-Venereologica*, **2013**, 93, 366-7	2.2	5
151	Changes to anti-JCV antibody levels in a Swedish national MS cohort. *Journal of Neurology, Neurosurgery and Psychiatry*, **2013**, 84, 1199-205	5.5	45
150	Low serum levels of vitamin D in idiopathic inflammatory myopathies. *Annals of the Rheumatic Diseases*, **2013**, 72, 512-6	2.4	38
149	Multiple sclerosis risk genotypes correlate with an elevated cerebrospinal fluid level of the suggested prognostic marker CXCL13. *Multiple Sclerosis Journal*, **2013**, 19, 863-70	5	15
148	Serum levels of LIGHT in MS. *Multiple Sclerosis Journal*, **2013**, 19, 871-6	5	14
147	Soluble IL7R potentiates IL-7 bioactivity and promotes autoimmunity. *Proceedings of the National Academy of Sciences of the United States of America*, **2013**, 110, E1761-70	11.5	105

146	Genetic association with ERAP1 in psoriasis is confined to disease onset after puberty and not dependent on HLA-C*06. *Journal of Investigative Dermatology*, **2013**, 133, 411-7	4.3	40
145	A7.23 The HLA Locus Contains Novel Foetal Susceptibility Alleles for Congenital Heart Block with Significant Paternal Influence. *Annals of the Rheumatic Diseases*, **2013**, 72, A56.1-A56	2.4	
144	Oligoclonal band status in Scandinavian multiple sclerosis patients is associated with specific genetic risk alleles. *PLoS ONE*, **2013**, 8, e58352	3.7	36
143	Association of genetic markers with CSF oligoclonal bands in multiple sclerosis patients. *PLoS ONE*, **2013**, 8, e64408	3.7	22
142	Sunlight is associated with decreased multiple sclerosis risk: no interaction with human leukocyte antigen-DRB1*15. *European Journal of Neurology*, **2012**, 19, 955-62	6	92
141	Age-dependent variation of genotypes in MHC II transactivator gene (CIITA) in controls and association to type 1 diabetes. *Genes and Immunity*, **2012**, 13, 632-40	4.4	19
140	Low risk HLA-DQ and increased body mass index in newly diagnosed type 1 diabetes children in the Better Diabetes Diagnosis study in Sweden. *International Journal of Obesity*, **2012**, 36, 718-24	5.5	38
139	Epstein-Barr virus and multiple sclerosis: interaction with HLA. *Genes and Immunity*, **2012**, 13, 14-20	4.4	123
138	HTR1A a novel type 1 diabetes susceptibility gene on chromosome 5p13-q13. *PLoS ONE*, **2012**, 7, e35439	3.7	15
137	Importance of human leukocyte antigen (HLA) class I and II alleles on the risk of multiple sclerosis. *PLoS ONE*, **2012**, 7, e36779	3.7	42
136	C-peptide in the classification of diabetes in children and adolescents. *Pediatric Diabetes*, **2012**, 13, 45-50	3.6	40
135	Genome-wide linkage analysis in families with infantile hypertrophic pyloric stenosis indicates novel susceptibility loci. *Journal of Human Genetics*, **2012**, 57, 115-21	4.3	14
134	Lack of replication of interaction between EBNA1 IgG and smoking in risk for multiple sclerosis. *Neurology*, **2012**, 79, 1363-8	6.5	26
133	Zinc transporter 8 autoantibodies and their association with SLC30A8 and HLA-DQ genes differ between immigrant and Swedish patients with newly diagnosed type 1 diabetes in the Better Diabetes Diagnosis study. *Diabetes*, **2012**, 61, 2556-64	0.9	63
132	Development of heart block in children of SSA/SSB-autoantibody-positive women is associated with maternal age and displays a season-of-birth pattern. *Annals of the Rheumatic Diseases*, **2012**, 71, 334-40	2.4	49
131	Identification of novel genetic risk loci determine fetal outcome in congenital heart block. *Annals of the Rheumatic Diseases*, **2012**, 71, A60.2-A60	2.4	
130	Genetic variation in the epidermal transglutaminase genes is not associated with atopic dermatitis. *PLoS ONE*, **2012**, 7, e49694	3.7	7
129	HLA genes, islet autoantibodies and residual C-peptide at the clinical onset of type 1 diabetes mellitus and the risk of retinopathy 15 years later. *PLoS ONE*, **2011**, 6, e17569	3.7	15

128	The expression of VEGF-A is down regulated in peripheral blood mononuclear cells of patients with secondary progressive multiple sclerosis. *PLoS ONE*, **2011**, 6, e19138	3.7	26
127	No evidence of IL21 association with multiple sclerosis in a Swedish population. *Tissue Antigens*, **2011**, 78, 271-4		3
126	Alterations in KLRB1 gene expression and a Scandinavian multiple sclerosis association study of the KLRB1 SNP rs4763655. *European Journal of Human Genetics*, **2011**, 19, 1100-3	5.3	6
125	No influence on disease progression of non-HLA susceptibility genes in MS. *Journal of Neuroimmunology*, **2011**, 237, 98-100	3.5	6
124	Genetic risk and a primary role for cell-mediated immune mechanisms in multiple sclerosis. *Nature*, **2011**, 476, 214-9	50.4	1948
123	HLA-DRB1*04 is a novel fetal susceptibility allele in congenital heart block. *Annals of the Rheumatic Diseases*, **2011**, 70, A16-A16	2.4	
122	HLA-DRB1* alleles and symptoms associated with Heerfordt© syndrome in sarcoidosis. *European Respiratory Journal*, **2011**, 38, 1151-7	13.6	40
121	Smoking and two human leukocyte antigen genes interact to increase the risk for multiple sclerosis. *Brain*, **2011**, 134, 653-64	11.2	179
120	Cerebrospinal fluid CXCL13 in multiple sclerosis: a suggestive prognostic marker for the disease course. *Multiple Sclerosis Journal*, **2011**, 17, 335-43	5	159
119	A rare variant of the TYK2 gene is confirmed to be associated with multiple sclerosis. *European Journal of Human Genetics*, **2010**, 18, 502-4	5.3	52
118	Confirmation of association between multiple sclerosis and CYP27B1. *European Journal of Human Genetics*, **2010**, 18, 1349-52	5.3	87
117	RGMA and IL21R show association with experimental inflammation and multiple sclerosis. *Genes and Immunity*, **2010**, 11, 279-93	4.4	52
116	Genetic variants of CC chemokine genes in experimental autoimmune encephalomyelitis, multiple sclerosis and rheumatoid arthritis. *Genes and Immunity*, **2010**, 11, 142-54	4.4	19
115	The association between the PTPN22 1858C>T variant and type 1 diabetes depends on HLA risk and GAD65 autoantibodies. *Genes and Immunity*, **2010**, 11, 406-15	4.4	23
114	Lack of support for association between the KIF1B rs10492972[C] variant and multiple sclerosis. *Nature Genetics*, **2010**, 42, 469-70; author reply 470-1	36.3	21
113	Major histocompatibility complex class II transactivator gene polymorphism: associations with Lfgren© syndrome. *Tissue Antigens*, **2010**, 76, 96-101		17
112	Interleukin 18 receptor 1 expression distinguishes patients with multiple sclerosis. *Multiple Sclerosis Journal*, **2010**, 16, 1056-65	5	11
111	IL-22RA2 associates with multiple sclerosis and macrophage effector mechanisms in experimental neuroinflammation. *Journal of Immunology*, **2010**, 185, 6883-90	5.3	53

110	Changes in GAD65Ab-specific antiidiotypic antibody levels correlate with changes in C-peptide levels and progression to islet cell autoimmunity. *Journal of Clinical Endocrinology and Metabolism*, **2010**, 95, E310-8	5.6	12
109	Genes and alcohol. *European Psychiatry*, **2010**, 25, 281-3	6	9
108	Two HLA class I genes independently associated with multiple sclerosis. *Journal of Neuroimmunology*, **2010**, 226, 172-6	3.5	26
107	HLA-DRB1 and month of birth in multiple sclerosis. *Neurology*, **2009**, 73, 2107-11	6.5	45
106	A role for VAV1 in experimental autoimmune encephalomyelitis and multiple sclerosis. *Science Translational Medicine*, **2009**, 1, 10ra21	17.5	40
105	The non-inherited maternal HLA haplotype affects the risk for type 1 diabetes. *International Journal of Immunogenetics*, **2009**, 36, 1-8	2.3	5
104	The expanding genetic overlap between multiple sclerosis and type I diabetes. *Genes and Immunity*, **2009**, 10, 11-4	4.4	128
103	Reproducible association with type 1 diabetes in the extended class I region of the major histocompatibility complex. *Genes and Immunity*, **2009**, 10, 323-33	4.4	39
102	Cornulin, a marker of late epidermal differentiation, is down-regulated in eczema. *Allergy: European Journal of Allergy and Clinical Immunology*, **2009**, 64, 304-11	9.3	17
101	Lack of association between neuropeptide S receptor 1 gene (NPSR1) and eczema in five European populations. *Acta Dermato-Venereologica*, **2009**, 89, 115-21	2.2	2
100	The interleukin 23 receptor gene in multiple sclerosis: a case-control study. *Journal of Neuroimmunology*, **2008**, 194, 173-80	3.5	23
99	The effect of polymorphisms in the renin-angiotensin-aldosterone system on diabetic nephropathy risk. *Journal of Diabetes and Its Complications*, **2008**, 22, 377-83	3.2	18
98	The lack of anti-idiotypic antibodies, not the presence of the corresponding autoantibodies to glutamate decarboxylase, defines type 1 diabetes. *Proceedings of the National Academy of Sciences of the United States of America*, **2008**, 105, 5471-6	11.5	64
97	Loss-of-function variants of the filaggrin gene are associated with atopic eczema and associated phenotypes in Swedish families. *Acta Dermato-Venereologica*, **2008**, 88, 15-9	2.2	45
96	Activating transcription factor 3: a hormone responsive gene in the etiology of hypospadias. *European Journal of Endocrinology*, **2008**, 158, 729-39	6.5	60
95	A new susceptibility locus for hypospadias on chromosome 7q32.2-q36.1. *Human Genetics*, **2008**, 124, 155-60	6.3	7
94	Complex aetiology of an apparently Mendelian form of mental retardation. *BMC Medical Genetics*, **2008**, 9, 6	2.1	4
93	Risk conferred by HLA-DR and DQ for type 1 diabetes in 0-35-year age group in Sweden. *Annals of the New York Academy of Sciences*, **2008**, 1150, 106-11	6.5	13

92	Variation in interleukin 7 receptor alpha chain (IL7R) influences risk of multiple sclerosis. *Nature Genetics*, **2007**, 39, 1108-13	36.3	388
91	IA-2 autoantibodies in incident type I diabetes patients are associated with a polyadenylation signal polymorphism in GIMAP5. *Genes and Immunity*, **2007**, 8, 503-12	4.4	36
90	Relative predispositional effects of HLA class II DRB1-DQB1 haplotypes and genotypes on type 1 diabetes: a meta-analysis. *Tissue Antigens*, **2007**, 70, 110-27		133
89	Islet cell autoantibody levels after the diagnosis of young adult diabetic patients. *Diabetic Medicine*, **2007**, 24, 1221-8	3.5	11
88	No evidence of association of the PDCD1 gene with Type 1 diabetes. *Diabetic Medicine*, **2007**, 24, 1473-7	3.5	19
87	Tissue transglutaminase autoantibodies and human leucocyte antigen in Down© syndrome patients with coeliac disease. *Acta Paediatrica, International Journal of Paediatrics*, **2007**, 91, 34-38	3.1	16
86	Multiple factors affect the loss of measurable C-peptide over 6 years in newly diagnosed 15- to 35-year-old diabetic subjects. *Journal of Diabetes and Its Complications*, **2007**, 21, 205-13	3.2	17
85	Risk factors for hypospadias in the estrogen receptor 2 gene. *Journal of Clinical Endocrinology and Metabolism*, **2007**, 92, 3712-8	5.6	37
84	Association analysis in type 1 diabetes of the PRSS16 gene encoding a thymus-specific serine protease. *Human Immunology*, **2007**, 68, 592-8	2.3	5
83	Elevated expression and genetic association links the SOCS3 gene to atopic dermatitis. *American Journal of Human Genetics*, **2006**, 78, 1060-5	11	40
82	Polymorphisms of estrogen receptor beta gene are associated with hypospadias. *Journal of Endocrinological Investigation*, **2006**, 29, 5-10	5.2	49
81	Immune-mediated beta-cell destruction in vitro and in vivo-A pivotal role for galectin-3. *Biochemical and Biophysical Research Communications*, **2006**, 344, 406-15	3.4	31
80	Susceptibility loci for atopic dermatitis on chromosome 21 in a Swedish population. *Allergy: European Journal of Allergy and Clinical Immunology*, **2006**, 61, 617-21	9.3	13
79	Genome-wide linkage analysis of allergic rhinoconjunctivitis in a Swedish population. *Clinical and Experimental Allergy*, **2006**, 36, 204-10	4.1	13
78	Linkage disequilibrium and haplotype blocks in the MHC vary in an HLA haplotype specific manner assessed mainly by DRB1*03 and DRB1*04 haplotypes. *Genes and Immunity*, **2006**, 7, 130-40	4.4	35
77	Crohn© disease associated CARD15 (NOD2) variants are not involved in the susceptibility to type 1 diabetes. *Molecular Genetics and Metabolism*, **2005**, 86, 379-83	3.7	11
76	Increased risk of diabetes among relatives of female insulin-treated patients diagnosed at 15-34 years of age. *Diabetic Medicine*, **2005**, 22, 1551-7	3.5	8
75	D6S265*15 marks a DRB1*15, DQB1*0602 haplotype associated with attenuated protection from type 1 diabetes mellitus. *Diabetologia*, **2005**, 48, 2540-3	10.3	18

74	The valine allele of the V89L polymorphism in the 5-alpha-reductase gene confers a reduced risk for hypospadias. *Journal of Clinical Endocrinology and Metabolism*, **2005**, 90, 6695-8	5.6	58
73	Retrovirus-like long-terminal repeat DQ-LTR13 and genetic susceptibility to type 1 diabetes and autoimmune Addison© disease. *Diabetes*, **2005**, 54, 900-5	0.9	20
72	Genetic and functional evaluation of an interleukin-12 polymorphism (IDDM18) in families with type 1 diabetes. *Journal of Medical Genetics*, **2004**, 41, e39	5.8	30
71	Hydrogeochemical changes before and after a major earthquake. *Geology*, **2004**, 32, 641	5	120
70	Normal weight promotes remission and low number of islet antibodies prolong the duration of remission in Type 1 diabetes. *Diabetic Medicine*, **2004**, 21, 447-55	3.5	29
69	Multiplicity of the antibody response to GAD65 in Type I diabetes. *Clinical and Experimental Immunology*, **2004**, 138, 337-41	6.2	14
68	Conformation-dependent GAD65 autoantibodies in diabetes. *Diabetologia*, **2004**, 47, 1581-91	10.3	6
67	Genome-wide linkage analysis for hypospadias susceptibility genes. *Journal of Urology*, **2004**, 172, 1460-3	3.5	11
66	Interaction and association analysis of a type 1 diabetes susceptibility locus on chromosome 5q11-q13 and the 7q32 chromosomal region in Scandinavian families. *Diabetes*, **2004**, 53, 1584-91	0.9	24
65	A novel duplication in the HOXA13 gene in a family with atypical hand-foot-genital syndrome. *Journal of Medical Genetics*, **2003**, 40, e49	5.8	24
64	No evidence for linkage in Swedish multiplex T1DM families to IL12B on chromosome 5q33-34. *Annals of the New York Academy of Sciences*, **2003**, 1005, 352-5	6.5	1
63	HLA associations in type 1 diabetes: DPB1 alleles may act as markers of other HLA-complex susceptibility genes. *Tissue Antigens*, **2003**, 61, 344-51		9
62	Evidence of at least two type 1 diabetes susceptibility genes in the HLA complex distinct from HLA-DQB1, -DQA1 and -DRB1. *Genes and Immunity*, **2003**, 4, 46-53	4.4	58
61	Association between the transmembrane region polymorphism of MHC class I chain related gene-A and type 1 diabetes mellitus in Sweden. *Human Immunology*, **2003**, 64, 553-61	2.3	29
60	Coxsackie virus B antibodies are increased in HLA DR3-MICA5.1 positive type 1 diabetes patients in the Linköping region of Sweden. *Human Immunology*, **2003**, 64, 874-9	2.3	2
59	No evidence of type 1 diabetes susceptibility genes in the region centromeric of the HLA complex. *Human Immunology*, **2003**, 64, 951-9	2.3	3
58	Recombinant Fabs of human monoclonal antibodies specific to the middle epitope of GAD65 inhibit type 1 diabetes-specific GAD65Abs. *Diabetes*, **2003**, 52, 2689-95	0.9	73
57	The combination of several polymorphic amino acid residues in the DQalpha and DQbeta chains forms a domain structure pattern and is associated with insulin-dependent diabetes mellitus. *Annals of the New York Academy of Sciences*, **2002**, 958, 362-75	6.5	8

56	No mutations in the BACH1 gene in BRCA1 and BRCA2 negative breast-cancer families linked to 17q22. *International Journal of Cancer*, **2002**, 98, 638-9	7.5	24
55	No evidence for a familial breast cancer susceptibility gene at chromosome 13q21 in Swedish breast cancer families. *International Journal of Cancer*, **2002**, 98, 799-800	7.5	4
54	Analysis of association and linkage for the interleukin-4 and interleukin-4 receptor b;alpha; regions in Swedish atopic dermatitis families. *Clinical and Experimental Allergy*, **2002**, 32, 1199-202	4.1	15
53	Genetic effects on age-dependent onset and islet cell autoantibody markers in type 1 diabetes. *Diabetes*, **2002**, 51, 1346-55	0.9	176
52	GAD65 antibody epitope patterns of type 1.5 diabetic patients are consistent with slow-onset autoimmune diabetes. *Diabetes Care*, **2002**, 25, 1481-2	14.6	35
51	A region close to Tp53 shows LOH in familial breast cancer. *International Journal of Molecular Medicine*, **2002**, 9, 405	4.4	
50	Susceptibility loci for atopic dermatitis on chromosomes 3, 13, 15, 17 and 18 in a Swedish population. *Human Molecular Genetics*, **2002**, 11, 1539-48	5.6	73
49	HEREDITY OF HYPOSPADIAS AND THE SIGNIFICANCE OF LOW BIRTH WEIGHT. *Journal of Urology*, **2002**, 167, 1423-1427	2.5	108
48	Tissue transglutaminase autoantibodies and human leucocyte antigen in Down☹ syndrome patients with coeliac disease. *Acta Paediatrica, International Journal of Paediatrics*, **2002**, 91, 34-8	3.1	6
47	Heredity of hypospadias and the significance of low birth weight. *Journal of Urology*, **2002**, 167, 1423-7	2.5	30
46	A region close to Tp53 shows LOH in familial breast cancer. *International Journal of Molecular Medicine*, **2002**, 9, 405-9	4.4	2
45	Linkage and association to candidate regions in Swedish atopic dermatitis families. *Human Genetics*, **2001**, 109, 129-35	6.3	31
44	The Wiskott-Aldrich syndrome gene as a candidate gene for atopic dermatitis. *Acta Dermato-Venereologica*, **2001**, 81, 340-2	2.2	10
43	The length of the CTLA-4 microsatellite (AT)N-repeat affects the risk for type 1 diabetes. Diabetes Incidence in Sweden Study Group. *Autoimmunity*, **2000**, 32, 173-80	3	18
42	Recognition of glutamic acid decarboxylase (GAD) by autoantibodies from different GAD antibody-positive phenotypes. *Journal of Clinical Endocrinology and Metabolism*, **2000**, 85, 4671-9	5.6	57
41	Recognition of Glutamic Acid Decarboxylase (GAD) by Autoantibodies from Different GAD Antibody-Positive Phenotypes. *Journal of Clinical Endocrinology and Metabolism*, **2000**, 85, 4671-4679	5.6	52
40	Characterization by phenotype of families with atopic dermatitis. *Acta Dermato-Venereologica*, **2000**, 80, 106-10	2.2	8
39	Prevalence of beta-cell and thyroid autoantibody positivity in schoolchildren during three-year follow-up. *Autoimmunity*, **1999**, 31, 175-85	3	7

38	HLA associations in type 1 diabetes among patients not carrying high-risk DR3-DQ2 or DR4-DQ8 haplotypes. *Tissue Antigens*, **1999**, 54, 543-51		25
37	Negative association between type 1 diabetes and HLA DQB1*0602-DQA1*0102 is attenuated with age at onset. *International Journal of Immunogenetics*, **1999**, 26, 117-127		
36	Negative association between type 1 diabetes and HLA DQB1*0602-DQA1*0102 is attenuated with age at onset. *International Journal of Immunogenetics*, **1999**, 26, 117-127		46
35	Complex interaction between HLA DR and DQ in conferring risk for childhood type 1 diabetes. *International Journal of Immunogenetics*, **1999**, 26, 361-72		61
34	Negative association between type 1 diabetes and HLA DQB1*0602-DQA1*0102 is attenuated with age at onset. Swedish Childhood Diabetes Study Group. *International Journal of Immunogenetics*, **1999**, 26, 117-27		27
33	Association between autoantibody markers and subtypes of DR4 and DR4-DQ in Swedish children with insulin-dependent diabetes reveals closer association of tyrosine pyrophosphatase autoimmunity with DR4 than DQ8. *Tissue Antigens*, **1998**, 51, 281-6		31
32	Glutamate decarboxylase antibodies in non-diabetic pregnancy precedes insulin-dependent diabetes in the mother but not necessarily in the offspring. *Autoimmunity*, **1997**, 26, 261-9	3	19
31	TAP polymorphisms in Swedish myasthenia gravis patients. *Tissue Antigens*, **1997**, 49, 176-9		12
30	Analysis of critical residues of HLA-DQ6 molecules in insulin-dependent diabetes mellitus. *Tissue Antigens*, **1997**, 50, 61-5		27
29	The beta cell glucokinase promoter variant is an unlikely risk factor for diabetes mellitus. Diabetes Incidence Study in Sweden (DISS). *Diabetologia*, **1997**, 40, 959-62	10.3	8
28	Preliminary data on a genome search in NIDDM siblings: the NIDDM1 locus on chromosome 2 is not linked to NIDDM in the Sardinian population. Study Group for the Genetics of Diabetes in Sardinia. *Diabetologia*, **1997**, 40, 1366-7	10.3	8
27	Genetic and immunological findings in patients with newly diagnosed insulin-dependent diabetes mellitus. The Swedish Childhood Diabetes Study Group and The Diabetes Incidence in Sweden Study (DISS) Group. *Hormone and Metabolic Research*, **1996**, 28, 344-7	3.1	24
26	Polymorphic amino acid domains of the HLA-DQ molecule are associated with disease heterogeneity in myasthenia gravis. *Journal of Neuroimmunology*, **1996**, 65, 125-31	3.5	29
25	HLA and glutamic acid decarboxylase in human insulin-dependent diabetes mellitus. *Diabetic Medicine*, **1996**, 13, 209-17	3.5	24
24	DR4 subtypes and their molecular properties in a population-based study of Swedish childhood diabetes. *Tissue Antigens*, **1996**, 47, 275-83		42
23	A comparison of three statistical models for IDDM associations with HLA. *Tissue Antigens*, **1996**, 48, 1-14		9
22	Different HLA-DQ are positively and negatively associated in Swedish patients with myasthenia gravis. *Autoimmunity*, **1995**, 22, 59-65	3	29
21	Polymorphic amino acid variations in HLA-DQ are associated with systematic physical property changes and occurrence of IDDM. Members of the Swedish Childhood Diabetes Study. *Diabetes*, **1995**, 44, 125-31	0.9	71

20	Pathogenesis of insulin-dependent diabetes mellitus. *Baillierels Clinical Endocrinology and Metabolism*, **1995**, 9, 25-46		14
19	The role of the major histocompatibility complex in insulin-dependent diabetes mellitus. *Current Opinion in Endocrinology, Diabetes and Obesity*, **1995**, 2, 3-11		8
18	Population analysis of protection by HLA-DR and DQ genes from insulin-dependent diabetes mellitus in Swedish children with insulin-dependent diabetes and controls. *International Journal of Immunogenetics*, **1995**, 22, 443-65		30
17	Effects of the second HLA-DQ haplotype on the association with childhood insulin-dependent diabetes mellitus. *Tissue Antigens*, **1995**, 45, 148-52		47
16	Glutamate decarboxylase-, insulin-, and islet cell-antibodies and HLA typing to detect diabetes in a general population-based study of Swedish children. *Journal of Clinical Investigation*, **1995**, 95, 1505-11	15.9	161
15	Polymorphic amino acid variations in HLA-DQ are associated with systematic physical property changes and occurrence of IDDM. Members of the Swedish Childhood Diabetes Study. *Diabetes*, **1995**, 44, 125-131	0.9	19
14	Inheritance of MHC class II genes in IDDM studied in population-based affected and control families. *Diabetologia*, **1994**, 37, 1105-12	10.3	19
13	Analysis of antibody markers, DRB1, DRB5, DQA1 and DQB1 genes and modeling of DR2 molecules in DR2-positive patients with insulin-dependent diabetes mellitus. *Tissue Antigens*, **1994**, 44, 110-9		29
12	Inheritance of MHC class II genes in IDDM studied in population-based affected and control families **1994**, 37, 1105		1
11	Analysis of HLA-DQA1 and -DQB1 genes in Mexican Americans with insulin-dependent diabetes mellitus. *Tissue Antigens*, **1993**, 42, 72-77		9
10	Analysis of HLA-DQA1 and -DQB1 genes in Mexican Americans with insulin-dependent diabetes mellitus. *Tissue Antigens*, **1993**, 42, 72-7		17
9	HLA DR and DQ RFLP analysis in Crohn© disease. *International Journal of Immunogenetics*, **1993**, 20, 429-33		4
8	Islet cell autoimmunity. *Journal of Internal Medicine*, **1993**, 234, 361-9	10.8	4
7	HLA-DR3, DQ2 homozygosity in two patients with insulin-dependent diabetes mellitus superimposed with ulcerative colitis and primary sclerosing cholangitis. *Journal of Internal Medicine*, **1993**, 233, 281-6	10.8	5
6	HLA-DQ primarily confers protection and HLA-DR susceptibility in type I (insulin-dependent) diabetes studied in population-based affected families and controls. *American Journal of Human Genetics*, **1993**, 53, 150-67	11	64
5	The Multiple Sclerosis Genomic Map: Role of peripheral immune cells and resident microglia in susceptibility		31
4	Narcolepsy risk loci are enriched in immune cells and suggest autoimmune modulation of the T cell receptor repertoire		3
3	A validated strategy to infer protein biomarkers from RNA-Seq by combining multiple mRNA splice variants and time-delay		4

List of Publications

2	Increased serological response against human herpesvirus 6A is associated with risk for multiple sclerosis	2
1	Skewness of Temperature Data Implies an Abrupt Change in the Climate System between 1982 and 1993	1